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<!--  
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PS 3
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6. A schema for an XML database

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-->  
  
<!ELEMENT book-data (author+, book+, wrote+)>  
<!ELEMENT author (name, dob?)?  
<!ATTLIST author  
    authorid ID #REQUIRED>  
<!ELEMENT name (#PCDATA)>  
<!ELEMENT dob (#PCDATA)>  
  
<!ELEMENT book (title, publisher, num_pages)  
<!ATTLIST book  
    isbn ID #REQUIRED  
    genre #PCDATA "fiction">  
<!ELEMENT title (#PCDATA)>  
<!ELEMENT publisher (#PCDATA)>  
<!ELEMENT num_pages (#PCDATA)>  
  
<!ELEMENT wrote ()>  
<!ATTLIST wrote  
    authorid IDREF #REQUIRED  
    isbn IDREF #REQUIRED>
```